

Laucks® Testing Laboratories, Inc.

940 South Harney St., Seattle, WA 98108 (206) 767-5060 FAX 767-5063

Certificate

Chemistry, Microbiology, and Technical Services

CLIENT: Alaskan Copper Works
P.O. Box 3546
Seattle, WA 98124
ATTN: Raphael Acholonu

LABORATORY NO. 19297

DATE: Dec. 5, 1989

PO# M12391

REPORT ON: PARTICLES

SAMPLE

IDENTIFICATION: Submitted 11/07/89 and identified as shown below:

- 1) 11-7-3200-M12391-A
- 2) 11-7-3200-M12391-B

TESTS PERFORMED AND RESULTS:

Samples were analyzed for E.P. Toxicity in accordance with Test Methods for Evaluating Solid Waste (SW 846), U.S.E.P.A, November, 1986. Extraction was performed using Method 1310. Mercury was determined using Method 7470, other metals were performed by ICAP, Method 6010.

	<u>parts per million (mg/L)</u>		
	<u>1</u>	<u>2</u>	<u>MCL</u>
Arsenic	<0.2	<0.2	5.0
Barium	<0.1	<0.1	100.
Cadmium	0.03	<0.01	1.0
Chromium	<0.1	<0.1	5.0
Lead	<0.1	<0.1	5.0
Mercury	<0.005	<0.005	0.2
Selenium	<0.2	<0.2	1.0
Silver	<0.1	<0.1	5.0
Copper	51.	82.	100.
Nickel	23.	32.	---
Zinc	1.7	0.8	500.



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AKC-0015157

Laucks^{82 years}

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Alaskan Copper Works

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Key

< = Less than

MCL = Maximum Contamination Level allowed per regulation.

Respectfully submitted,

Laucks Testing Laboratories, Inc.

J. M. Owens
J. M. Owens

JMO:emt



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AKC-0015158

Raphael 12/6/89.

Laucks⁸²_{PLUS}

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Invoice

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For the analysis of PARTICLES - 2 at \$238.00 each ----- \$476.00

Net 30 Days

The sole liability of these laboratories for these services, including claims for negligence, strict liability in tort or warranty, shall not exceed the amount of this invoice. Samples may be discarded after analysis unless otherwise requested.

Fed. Empl. ID No. 91-0580763



AKC-0015159